

THE CITY OF DURHAM CORPORATION.



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND OTHER RECORDS

FOR 1965

R. GORDON DRUMMOND, M.B., Ch.B., D.P.H.

MEDICAL OFFICER OF HEALTH

DURHAM

G. BAILES & SONS, PRINTERS ETC.

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1966.

MEMBERS OF THE COUNCIL.

- *Councillor W. H. Woodward (Mayor).
- *Councillor N. W. Sarsfield, M.C., (Deputy Mayor).
- *Alderman H. C. FERENS, D.C.L., M.A., LL.B., J.P.
- *Alderman W. A. H. SHEPHERD.
- *Alderman Mrs. H. H. RUSHFORD, O.B.E., J.P.
- Alderman G. McINTYRE, B.COM., J.P.
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- Councillor J. MACKINTOSH.
- *Councillor K. HENDERSON.
- Councillor G. M. Wilmot.

* Members of the Health Committee,

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

HEALTH DEPARTMENT,

80, CLAYPATH,

Telephone : Durham 3520.

DURHAM.

MEDICAL OFFICER OF HEALTH :

R. GORDON DRUMMOND, M.B., Ch.B., D.P.H. (Also Medical Officer of Health Durham Rural District, Brandon and Byshottles Urban District, Assistant County Medical Officer County Durham).

CHIEF PUBLIC HEALTH INSPECTOR :

LESLIE OATES, M.A.P.H.I., Cert.R.S.H.

DEPUTY CHIEF PUBLIC HEALTH INSPECTOR :

JOHN BITTLESTONE, M.A.P.H.I., Cert.R.S.H.

ADDITIONAL PUBLIC HEALTH INSPECTOR:

ALAN MORGAN, DIPLOMA P.H.I., EDUC. BD.
(Commenced May, 1965).

CLERICAL STAFF :

MRS. J. WILBY, Clerk.

MISS J. M. GAY, Shorthand Typist.

RODENT OPERATIVE :

MR. A. FOX

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my Annual Report for 1965.

The record is again a good one, the figures indicating a good state of the health of the citizens. The population increased, the birth rate increased and there was a very low infant mortality rate. There is no reason to consider that the slight increase in the death rate is a matter of any consequence and the same applies to the perinatal mortality rate which is not significantly different from that rate for Durham County as a whole.

There was a low incidence of notifiable infectious disease and none occurred in epidemic form.

The services for the elderly people continued to receive attention. They functioned well, due in large measure to the great sum of voluntary effort which goes to them.

We welcome Mr. Morgan who came this year as Additional Public Health Inspector. In this connection it is worthy of note how little the staff of the Health Department has changed over the years, in number and, most fortunately, in individual members.

I am glad to have this opportunity of thanking you, Mr. Chairman, Ladies and Gentlemen, for your support, the Chief Public Health Inspector, Mr. L. Oates and the other members of the Health Department for their assistance and the Officers of the Council for their co-operation.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your Obedient Servant,

R. GORDON DRUMMOND,

SUMMARY OF STATISTICS.

LIVE BIRTHS.

Number...	...	...	...	...	...	...	315
Rate per 1,000 population	...	...	...	...	...	...	16.3

ILLEGITIMATE LIVE BIRTHS per cent of total live births 4.4

STILL BIRTHS.

Number...	...	...	...	...	...	...	7
Rate per 1,000 total live and still births	...	...	...	...	...	...	21.7

TOTAL LIVE AND STILL BIRTHS ... 322

INFANT DEATHS (deaths under 1 year) ... 4

INFANT MORTALITY RATES.

Total infant deaths per 1,000 total live births ... 12.7

Legitimate infant deaths per 1,000 legitimate live births... 13.3

Illegitimate infant deaths per 1,000 illegitimate live births ... Nil

NEO-NATAL MORTALITY RATE (deaths under 4 weeks per 1,000 total live births) ... 9.5

EARLY NEO-NATAL MORTALITY RATE (deaths under 1 week per 1,000 total live births) ... 9.5

PERINATAL MORTALITY RATE (stillbirths and deaths under 1 week combined per 1,000 total live and still births) ... 31.1

MATERNAL MORTALITY (including abortion)

Number of deaths ... Nil

Rate per 1,000 total live and still births ... Nil

Area in acres ... 4,578.

Registrar-General's estimate of resident population :—23,440.

Number of inhabited houses end of 1965—6,658.

Rateable value :—1964 :—£957,786. 1965 :—£977,986

Sum represented by a 1d. rate, 1964 :—£3,898. 11s. 7d.
1965 :—£3,869. 2s. 9d.

NATURAL AND SOCIAL CONDITIONS.

Area.

4,578 Acres. The City borders on the North, East and South with Durham Rural District and on the West with Brandon and Byshottles Urban District.

Population.

The Registrar General's estimate of the mid-year population is 23,440 an increase of 390 from 1964.

Inhabited Houses.

The number of inhabited houses is 6,658.

VITAL STATISTICS.

Registrar General's area comparability factors :—

Births 1.21.
Deaths 0.99.

Births.

During the year 315 live births were registered. 180 males and 135 females. Of these 14 were illegitimate.

There were 12 more births than in 1964.

The birth rate (adjusted) of 16.3 is above that for last year.

Deaths.

Death rate per 1,000 population (adjusted)	...	12.7
Deaths from Cancer (all ages)		35
Deaths from Measles (all ages)		—
Deaths from Whooping Cough (all ages)		—

301 deaths were registered, 38 more than in 1964 and the death rate (adjusted) of 12.7 is above that for 1964 when it was 10.2

The table of causes of death shows that Diseases of the Heart and Circulation accounted for 107 of the deaths registered, or 35%. Deaths from Cancer number 35 compared with 34 in 1964.

78% of all deaths occurred in persons over the age of 65.

Infant Mortality : (Deaths of children under 1 year of age).

The rate is 12.7 per 1,000 live births. Last year this rate was 26.4.

The figure for England and Wales for 1965 is 19.0.

4 children died before reaching one year of age.

The actual numbers for the past 10 years are :—

1956	...	...	6	1961	...	...	5
1957	...	...	8	1962	...	...	8
1958	...	...	5	1963	...	...	6
1959	...	...	9	1964	...	...	8
1960	...	...	11	1965	...	...	4

and these numbers should be read in conjunction with the rates given in the table and should be borne in mind in assessing the change in the rate over the years. As the numbers of infant deaths each year are comparatively small, too great significance should not be attached to a single rate.

Of the four children who died before reaching one year of age three were less than one month old, all three being less than 1 week.

Consideration of the infant mortality is not complete without consideration at the same time of the still births. The number of still births and the number of deaths in the first week of life taken together represent the mortality occurring at or about the time of birth—the perinatal mortality rate, the combined still-births and deaths in the first week of life per 1,000 total births.

In the year under review this was 31.1.

The following table shows the perinatal mortality rate in recent years compared with the rates for Durham County and England and Wales :—

	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Durham City	30.4	37.2	31.0	47.5	37.9	23.9	26.2	23.1	29.4	31.1
Durham County ...	40.1	39.8	37.8	39.1	40.1	35.7	35.7	32.4	33.5	30.7
England and Wales ...	36.8	36.2	35.1	34.2	32.9	32.2	30.8	29.3	28.2	26.9

Maternal Mortality.

There were no maternal deaths during the year.

DEATHS AT VARIOUS AGE PERIODS.

	All ages.	0—1	1—	5—	15	25—	35—	45—	55—	65—	75 and Over.
M	133	2	1	1	1	1	2	7	22	33	63
F	168	2	—	—	1	3	2	8	11	38	103
	301	4	1	1	2	4	4	15	33	71	166

INFANT MORTALITY.

Cause of Death.	Under 1wk.	1—2 wks.	2—3 wks.	3—4 wks.	Total under 1 mth.	1—3 mths.	3—6 mths.	6—9 mths.	9—12 mths.	Total
Multiple Abnormalities ...	1	—	—	—	1	—	—	—	—	1
Acute Respiratory Disease ...	—	—	—	—	—	1	—	—	—	1
Cerebral Haemorrhage	1	—	—	—	1	—	—	—	—	1
Atelectasis ...	1	—	—	—	1	—	—	—	—	1

CAUSES OF DEATH IN DURHAM BOROUGH, 1965.

Cause of Death.	Total	M.	F.
ALL CAUSES	301	133	168
Tuberculosis, respiratory	—	—	—
Tuberculosis, other	—	—	—
Syphilitic disease	2	—	2
Diphtheria	—	—	—
Whooping cough	—	—	—
Meningococcal infections	1	—	1
Acute poliomyelitis	—	—	—
Measles	—	—	—
Other infective and parasitic diseases	1	1	—
Malignant neoplasm, stomach	7	3	4
Malignant neoplasm, lung, bronchus	4	4	—
Malignant neoplasm, breast	1	—	1
Malignant neoplasm, uterus	5	—	5
Other malignant and lymphatic neoplasms	18	10	8
Leukaemia, aleukaemia	1	1	—
Diabetes	2	—	2
Vascular lesions of nervous system	54	18	36
Coronary disease, angina	69	34	35
Hypertension with heart disease	1	1	—
Other heart disease	24	11	13
Other circulatory disease	13	6	7
Influenza	1	1	—
Pneumonia	39	13	26
Bronchitis	16	7	9
Other diseases of respiratory system	4	1	3
Ulcer of stomach and duodenum	2	2	—
Gastritis, enteritis and diarrhoea	1	—	1
Nephritis and nephrosis	2	2	—
Hyperplasia of prostate	—	—	—
Pregnancy, childbirth, abortion	—	—	—
Congenital malformations	3	2	1
Other defined and ill-defined diseases	16	9	7
Motor vehicle accidents	6	5	1
All other accidents	6	2	4
Suicide	2	—	2
Homicide and operations of war	—	—	—

NOTIFIABLE DISEASES.

Prevalence of, and control over, Infectious and other Diseases.

Scarlet Fever : There were 18 notifications of scarlet fever.

Whooping Cough : There were 3 cases notified, compared with 21 last year.

Acute Poliomyelitis : There were no cases notified. (As in the previous year.)

Vaccinations against Poliomyelitis : The tables show the numbers protected in the City (by year of birth).

POLIOMYELITIS ' ORAL '

COMPLETED PRIMARY COURSES.

Year of Birth.					Others under Age 16	Total.
1965	1964	1963	1962	1958-61		
3	34	6	9	8	3	63

REINFORCING DOSES.

Year of Birth					Others under Age 16	Total.
1965	1964	1963	1962	1958-61		
1	2	4	5	27	6	45

POLIOMYELITIS ' SALK '

COMPLETED PRIMARY COURSES.

Year of Birth.					Others under Age 16	Total
1965	1964	1963	1962	1958-61		
9	60	10	12	11	6	108

REINFORCING DOSES

Year of Birth.					Others under Age 16	Total
1965	1964	1963	1962	1958-61		
1	2	13	7	37	10	70

Measles: 205 cases were notified in contrast to 53 last year.

There were no deaths.

Diphtheria: For the thirteenth successive year there were no cases of diphtheria.

The County Medical Officer of Health arranges that propaganda leaflets drawing attention to the need for children to be protected against smallpox, whooping cough and diphtheria are sent to parents by post when their children attain the age of three months. Further propaganda regarding immunisation against diphtheria is despatched when children are one year old and again at four years and nine months. All such propaganda gives details of the facilities available for vaccination and immunisation.

Dysentery: There were four cases notified, all admitted to hospital from addresses elsewhere.

Meningococcal Infection: Two cases were notified from hospital following admission from elsewhere.

Typhoid Fever: There was one case of typhoid fever notified. This occurred in a student, a young lady who developed the disease after returning from holiday abroad.

Food Poisoning: The case notified was one of Salmonella typhimurium infection admitted to hospital here from another district.

Tuberculosis: The seven new cases of pulmonary tuberculosis notified while representing an increase over the numbers in the previous three years is still well below the average for the previous ten years and there was only one case notified of non-pulmonary tuberculosis. There were no deaths from the disease.

B.C.G. Vaccination of older school children: 1965 was the eighth year in which B.C.G. Vaccination against tuberculosis of certain groups of school children attending schools in the City was carried out, although, of course, this type of protection has been offered for some years to home contacts of the disease and to certain other groups.

The Heaf Multiple Puncture skin test was used.

The following table shows the numbers involved :—

No. Consented	Given Skin Test.		Positive Reactors.		Negative Reactors Given B.C.G.		Absent at Time of Reading.	
	No.	%	No.	%	No.	%	No.	%
589	545	92.52	70	17.12	454	77.74	19	.

NOTIFIABLE DISEASES REPORTED DURING THE YEAR

DISEASE.	Total Cases Notified.	Cases admitted to Hospital.	Deaths.
Scarlet Fever	18	9	—
Whooping Cough	3	—	—
Acute Poliomyelitis	—	—	—
Paralytic			
Non-Paralytic	—	—	—
Measles	205	—	—
Diphtheria	—	—	—
Pneumonia	1	—	1
Dysentery	4	4	—
Smallpox	—	—	—
Acute Encephalitis	—	—	—
Infective			
Post-Infectious	—	—	—
Typhoid Fever	1	1	—
Paratyphoid Fever	—	—	—
Erysipelas	—	—	—
Meningococcal infection	2	2	1
Food Poisoning	1	1	—
Puerperal Pyrexia	—	—	—
Ophthalmia Neonatorum	—	—	—
Malaria	—	—	—

TUBERCULOSIS.

AGE PERIODS.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0 — 1	—	1	—	—	—	—	—	—
1 — 5	—	—	—	—	—	—	—	—
5 — 10	—	—	—	—	—	—	—	—
10 — 15	—	—	—	—	—	—	—	—
15 — 20	1	—	—	—	—	—	—	—
20 — 25	—	—	—	—	—	—	—	—
25 — 35	—	—	—	—	—	—	—	—
35 — 45	1	—	—	—	—	—	—	—
45 — 55	1	—	—	—	—	—	—	—
55 — 65	2	1	—	—	—	—	—	—
65 and Upwards	—	—	—	1	—	—	—	—
TOTALS	5	2	—	1	—	—	—	—

NEW CASES AND DEATHS IN PAST 10 YEARS

					Pulmonary.		Non-Pulmonary.	
					New cases.	Deaths.	New cases.	Deaths.
1955	...	...	...	...	13	5	2	1
1956	...	...	...	...	20	4	1	—
1957	...	...	...	...	20	4	4	1
1958	...	...	...	...	8	1	3	—
1959	...	...	...	...	14	—	—	—
1960	...	...	...	...	8	2	—	1
1961	...	...	...	...	11	1	—	—
1962	...	...	...	...	6	1	3	—
1963	...	...	...	...	3	—	—	—
1964	...	...	...	...	3	—	2	—
Average for 10 years					10.6	1.8	1.5	0.3
1965	...	...	...	...	7	—	1	—

CASES OF TUBERCULOSIS ON REGISTER

	Pulmonary.		Non-Pulmonary.		Total.	
	M.	F.	M.	F.	M.	F.
31st December, 1964	75	63	14	14	89	77
31st December, 1965	74	65	14	15	88	80

IMMUNISATION AND VACCINATION 1965. (numbers by year of birth)

COMPLETED PRIMARY COURSES.

REINFORCING DOSES.

	Year of Birth				Total	Others under Age 16	Year of Birth				Total	Others under Age 16	Total
	1965	1964	1963	1962			1965	1964	1963	1962			
DIPHTHERIA													
49	96	12	5	17	3	182	—	12	53	14	108	13	200

WHOOPING COUGH

49	94	11	5	9	3	171	—	11	52	14	29	10	116
----	----	----	---	---	---	-----	---	----	----	----	----	----	-----

TETANUS

49	96	13	7	28	10	203	—	12	53	14	73	17	169
----	----	----	---	----	----	-----	---	----	----	----	----	----	-----

SMALLPOX.

Primary Vaccinations.

	1	2—4	5—14	15 or over	Total	1	2—4	5—14	15 or over	Total
	Under 1									
21	72	7	1	7	108	—	1	2	37	40

Re-Vaccinations.

CHIROPODY SERVICE FOR OLD PEOPLE.

Report for the year ending December, 1965.

GILESGATE CENTRE.

Introduction.

1965 was the twelfth year of operation of this Chiropody Clinic conducted at the Vane Tempest Hall, Gilesgate, on behalf of the Durham old People's Welfare Association.

Sessions were held on Monday, Tuesday and Wednesday afternoons, eight appointments being made for each session.

Mr. E. L. Chambers, M.Ch.S. continued as chiropodist.

Voluntary Assistance.

The British Red Cross Society provided a total of 441 hours attendance.

Treatment.

During the year clinics were held on 147 days during which there were 147 clinic sessions of three hours.

At the full number of 8 person per session this would have allowed 1,176 treatments, but there were 95 missed appointments so that the actual number given was 1,081, or 92% of the possible.

The average number of treatments given each session was 7.3.

The number of persons on the list on the 1st January, 1965 was 160 and on the 31st December, 162, there having been 28 new patients and 26 withdrawals during the year.

SHAKESPEARE HALL CENTRE.

Introduction.

This was the ninth year of operation of this Chiropody Clinic which is held at the Shakespeare Hall in North Road, Durham.

Like the one at Gilesgate it is conducted on behalf of the Durham Old People's Welfare Association and Mr. E. L. Chambers, M.Ch.S., is the Chiropodist.

Sessions were held on Monday, Tuesday and Wednesday mornings each week.

Voluntary Assistance.

The British Red Cross Society provided a total of 438 hours attendance.

Treatment.

Clinics were held on 146 days, there being 146 clinic sessions of three hours. 1,168 treatments would have been possible, but there were 120 missed appointments so that the number given was 1,048 or 89% of the possible.

The average number of treatments given each session was 7.1.

There were 157 patients on the books on the 1st January and 166 on the 31st December, 16 new names having been added and 7 withdrawn.

SUMMARY				<i>Gilesgate.</i>		<i>Shakespeare Hall.</i>	
				<i>1964</i>	<i>1965</i>	<i>1964</i>	<i>1965</i>
Sessions	...	...	...	157	147	140	146
Days on which sessions held	...	...	...	149	147	140	146
Treatments given :							
Possible	...	...	...	1,256	1,176	1,120	1,168
Actual	...	...	...	1,168	1,081	1,009	1,048
				(93%)	(92%)	(90%)	(89%)
Treatments per session :							
Possible	...	...	...	8	8	8	8
Actual Average	...	...	...	7.5	7.3	7.2	7.1
Hours by Red Cross Voluntary Workers							
Workers	...	...	...	628	441	432	438

REMARKS.

The figures upon which this report is based are extracted from the Clinic Records which are kept by the British Red Cross Society and they indicate another successful year for the scheme.

That this is so is a great credit to the many persons who are associated with it.

The operation of the scheme in its present form is made possible by the financial aid given to the Durham Old People's Welfare Association from various sources, and foremost among them Durham County Council. Details are contained in the Financial Statement which has been furnished by the Honorary Treasurer, Mr. L. Watkins.

CHIROPODY SERVICE.

REVENUE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 1966.

EXPENDITURE.				INCOME.		
Vane Tempest Hall. Shakespeare Hall. Total.				Durham County Council. Contribution paid on account Balance		
£	s. d.	£	s. d.	£	s. d.	Total.
Chiropracist—Fees ..	330 15 0	328 10 0	659 5 0	...	...	800 0 0
Dressings, etc. ..	7 1 7	6 8 3	13 9 10	...	...	9 4 4
Rent ..	62 9 6	73 0 0	135 9 6	...	...	
Insurance ..	10 0	10 0	1 0 0	...	...	
£809 4 4				£809 4 4		

DOMICILIARY LAUNDRY SERVICE FOR OLD PEOPLE.

This service which was commenced during 1957, has the aim of helping elderly sick people in the area. It is provided by the British Red Cross Society, the Hospital Authority and the Local Health Authority acting in conjunction.

Mrs. Grime of the British Red Cross Society who continues to undertake the administration and control of this service, advises me that 13 households (in the area of the three districts) were being served at the beginning of 1965 and there were 14 households at the end of the year.

The service continues to be a most useful one and as with so many services for the elderly, many of the old people who benefit from it, welcome not only the service but the fact of the regular visit for laundry collection. This is some relief to their loneliness.

LUNCHEON CLUB

The Luncheon Club which was commenced last year in the Girl Guides Hut near Hallgarth House continued its operations, the number attending being about 25 on each occasion.

Lunch is served on Tuesdays and Thursdays each week at a charge of 1/6 per meal. The scheme is operated by the Women's Voluntary Service for the Durham City Old People's Welfare Committee. The deficiency in the running cost of the service is shared between the City and County Council.

GENERAL PROVISION OF HEALTH SERVICES.

1. *Public Health Services of the Local Authority.*2. *Laboratory Services.*

- (i) Dryburn Hospital, Department of Pathology.
- (ii) Public Health Laboratory, General Hospital, Westgate Road, Newcastle.
- (iii) County Analyst, County Hall, Durham.

3. *General Medical Services.*

Durham County Executive Council, Green Lane, Old Elvet,
Durham

Eleven medical practitioners in general practice reside in the City and an approximately equal number who reside elsewhere have part of their practices within it.

4. *Newcastle Regional Hospital Board.*

Walkergate Hospital, Newcastle.

*Durham Hospital Management Committee, Dryburn Hospital
Durham.*

(a) *General.*

- (i) Dryburn Hospital, Durham.
- (ii) County Hospital, Durham.
- (iii) St. Margaret's Hospital, Durham (Long Stay).

(b) *Maternity.*

- (i) Dryburn Hospital.

(c) *Infectious.*

- (i) Chester-le-Street Isolation Hospital.
- (ii) Langley Park Isolation Hospital (Emergency Fever Reserve).

(d) *Tuberculosis.*

- (i) Chest Clinic, Dryburn Hospital, Durham.
- (ii) Mass Miniature Radiography Unit, Dryburn Hospital, Durham.

(e) *Mental.*

- (i) Winterton Hospital, Sedgefield.
- (ii) Aycliffe Hospital.
- (iii) Prudhoe and Monkton Hospital.
- (iv) Earl's House Hospital.

(f) *Pre-Convalescent.*

Brandon Hospital.

(g) *Venereal Diseases Clinic.*

General Hospital, Newcastle upon Tyne.

5. *Local Health Authority Health Services, Durham County Council*(a) *School Health Services.*

The school clinic is situated at Kepier Crescent.

(b) *Ambulance Services.*

The ambulance control is situated at County Ambulance Headquarters, Framwellgate Moor, Durham, and there are nine ambulances, one light sitting case vehicle and two cars. In an emergency any responsible person may summon an ambulance by telephone by asking to be connected to the nearest ambulance control (no telephone number need be given).

<i>Stretcher</i> <i>cases.</i>	<i>Sitting</i> <i>cases.</i>	<i>Total.</i>	<i>Mileage.</i>
7,080	39,596	46,676	295,275

(These figures include work done in the Brandon Urban District and Durham Rural District).

(c) *Health Visiting.*

There is one Health Visitor, parts of the City being served by the Student Health Visitors.

<i>Visits made by health visitors.</i>				<i>No. of visits.</i>
(a)	maternity and child welfare	...	...	3,794
(b)	tuberculosis	...	...	89
(c)	general health	...	...	83
(d)	mentally subnormal	...	...	104
(e)	school	...	...	179
(f)	aged people	...	...	382

(d) Home Nursing.

Three nurses, all residing in the City, are engaged in this work.

<i>Visits made by District Nurses.</i>				<i>Cases</i>	<i>Visits.</i>
(a)	medical cases	...	...	137	4,310
(b)	surgical cases	...	...	34	583
(c)	tuberculosis cases	...	...	6	492
(d)	maternal complications	...	...	—	—

(e) Domiciliary Midwifery.

There are four midwives practising thus.

Births attended by County Midwives.

Total births (live and still)	...	...	...	133
Cases attended as midwife and nurse	...	...	...	133
Hospital patients discharged home before 10th day	...	...	...	116
Total cases attended	...	...	...	249

(f) Domestic Help.

This is provided for households where such help is required owing to the presence of any person who is ill, an expectant mother, lying-in, mentally subnormal, aged or a child not over school age.

No. of home helps employed during year	...	...	...	95
Cases attended 1st January, 1965	...	...	...	95
New cases during year	...	...	...	84
Cases terminated during year	...	...	...	49
Cases attended on 31st December, 1965	...	...	...	130

Types of cases served during year.

(a)	Maternity (including expectant mothers)	...	...	12
(b)	Tuberculosis	...	...	—
(c)	Chronic sick (including aged and infirm)	...	...	165
(d)	Others	...	...	2

(g) Vaccination and Immunisation.

(h) Care of Mothers and Young Children.

(i)	Child Welfare Centres	} Newton Hall, Framwellgate Moor. Kesper Crescent, Durham
(ii)	Artificial Sunlight Clinics	
(iii)	Birth Control Clinics	
(iv)	Post Natal Clinics	

(i) Prevention of Illness, care and after care.

Under this heading comes the provision of nursing equipment for sick persons. Invalid chairs are also available.

175 patients in the Durham Municipal Borough were supplied with nursing equipment during the year, 1965.

(j) Welfare Services.

Services are provided for Blind Persons and other Handicapped Persons.

	<i>Total.</i>
No. of blind persons on register	50
No. of partially sighted persons on register	5
No. of deaf and dumb persons on register	15
No. of hard of hearing persons on register	12
No. of handicapped persons on register	29

Residential accommodation is provided for persons who by reason of age, infirmity or other circumstances, are in need of care and attention which is not otherwise available to them.

Hostels.

Persons maintained in residential hostels	(a) 12 males.
	(b) 17 females.
Persons on waiting list	(a) 2 males.
	(b) 10 females.

(k) Mental Health.

No. of persons registered as mentally subnormal	64
No. of persons under supervision in their own homes	45
No. of persons in hospitals for the mentally subnormal	19

NATIONAL ASSISTANCE ACTS, 1948 AND 1951.

No statutory action was taken during the year involving Section 47 relating to removal of persons in need of urgent care and attention.

DURHAM,

August, 1966.

To the Chairman and Members of the Health Committee.

Mr. Chairman, Ladies and Gentlemen,

Although the demolition of unfit houses during 1965 did not reach the figure I had hoped was possible, reasonable progress was achieved and a total of 25 such properties were demolished and the sites cleared. Of the 41 properties remaining to be demolished 15 were still occupied at the end of 1965.

The appointment of Mr. A. Morgan as a public health inspector has eased considerably the staffing difficulties which had been experienced in the Department and he has made possible excellent progress in carrying out the Council's responsibilities in implementing the requirements of the Offices, Shops and Railway Premises Act. Mr. Morgan, in addition to his other public health duties, has been responsible for virtually the whole of the inspections relating to this particular Act and he has carried out such work in a highly satisfactory manner.

Included in this Annual Report is a report on a survey of dwellinghouses carried out in connection with the provision of standard amenities. This report was submitted to the Housing Committee but is included as being, I believe, of general interest.

Routine work in the Department, including 100% inspection of animal carcasses intended for food, was carried out satisfactorily during the year under review.

I should like to take this opportunity of expressing thanks to the Chairman and Members of the Health Committee and the Medical Officer of Health, Dr. R. G. Drummond for their kindly support during the past year and also to acknowledge the assistance and co-operation of my Deputy Mr. Bittlestone, the staff of the Health Department and other Officials of the Council.

I am, Ladies and Gentlemen,

Your obedient Servant,

LESLIE OATES,

Chief Public Health Inspector.

HOUSING STATISTICS.

General Inspection of District.

1. Number of dwelling houses inspected for housing defects (under Public Health and Housing Acts)	753
2. Dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	5
3. Dwelling houses (exclusive of two above) found not to be in all respects fit for human habitation	114
4. Total number of visits to houses including re-inspections	1,378

HOUSES IN CLEARANCE AREAS AND INDIVIDUAL
UNFIT HOUSES.

A. Houses Demolished.	Number.	Displaced.	
		Persons.	Families.
In Clearance Areas (Housing Act 1957, S.42)	12	—	—
Not in Clearance Areas and as a result of formal or informal procedure (Housing Act 1957. S. 16 or 17(1))	13	2	1
B. Unfit Houses Closed.			
Under Provisions of Housing Act 1957 S. 16(4), 17(1), and 35(1).	2	2	1
Parts of buildings closed (Housing Act 1957 S.18)	1	3	1
C. Repairs to Houses.			
Unfit houses made fit and houses in which defects were remedied :—			
(a) After informal action under Public Health and Housing Acts			82
(b) After formal action under P.H. Acts			2
(c) By Local Authority in default of owners			5

INSPECTION OF THE DISTRICT.

During the year 2,276 inspections were made of properties in the District. It was found necessary to serve 297 informal notices for the remedying of various public health nuisances and the majority of such notices received the prompt attention of the owners or occupiers of the properties concerned.

In eleven cases statutory notices were served on the owners.

This action resulted in the owners carrying out the necessary works in six cases, and the Corporation doing the work in default and recovering costs in five cases.

638 visits were made with the object of seeing that notices were complied with.

HOUSING AND SLUM CLEARANCE.

During the year under review 82 houses were erected in the City Area comprising 38 council houses and 44 privately built houses.

At 31st December, 1965, the number of council houses (including flats) erected since the war totalled 1,362.

The total number of houses built for and controlled by the Council was, at the date mentioned, 2,002. In addition to these properties the Council have the letting, when vacant, of any of the 458 houses owned by the North Eastern Housing Association. (A loss of 25 such houses due to demolitions in Framwelgate).

Derelect Buildings Sub-Committee :

This Committee, comprising Members of the Health and Housing Committees, was formed in March, 1960, to co-ordinate the activities of both Committees in expediting re-housing of tenants from unfit houses and to deal with the problems of all derelict properties in the City area.

The Committee met once during the year 1965. Members at this particular Meeting expressed satisfaction as to the progress made in dealing with this particular problem.

Pre-War Slum Clearance: The remaining two properties (79 Claypath and tenement type property rear of 13 Claypath) are both vacant and will be demolished and the sites utilised for commercial development purposes.

Post-War Slum Clearance: At 31st December, 1965 the position in relation to post-war clearance areas was as follows:

Elvet No. 13 Clearance Area (Compulsory Purchase Order). All of the properties in this particular Area comprising houses numbered 86 to 93 Hallgarth Street and 3 to 6 High Yard were demolished and the sites cleared. Also included in this particular clearance were the properties 1 to 10 Church Lane which had been acquired by the Council without recourse to statutory action.

Gilesgate No. 13 Clearance Area (Compulsory Purchase Order). A public local inquiry was held on 9th June. Subsequently the Minister of Housing and Local Government confirmed the Order without modification and instructed that well maintained payments be made in respect of three houses. The tenants of the houses concerned will be re-housed as soon as practicable and the site re-developed by the Council for housing and commercial purposes.

Demolition Orders: At 31st December twenty-four such properties, of which six were occupied, still remained to be dealt with.

The following table summarises the position as at 31st December 1965 :

				<i>Occupied houses.</i>	<i>Vacant pending demolition.</i>
Pre-war slum clearance	...	...	...	—	2
Post-war slum clearance	...	...	...	9	6
Individually unfit houses (Demolition Orders) formal and informal	...	...	...	6	18

A total of 41 properties vacant pending demolition as against 48 for the year ending 31st December, 1964.

HOUSING (FINANCIAL PROVISIONS) ACT, 1958.

Certificates as to families displaced from clearance areas and individual unfit houses have been submitted to the City Treasurer as follows :—

YEAR	Individual Unfit Houses.			Clearance Orders.			Totals.		
	No.	Per-sons.	Fami-lies.	No.	Per-sons.	Fami-lies.	No.	Per-sons.	Fami-lies.
1955	—	—	—	3	11	3	3	11	3
1956	11	34	11	7	19	7	18	53	18
1957	10	30	10	5	16	7	15	46	17
1958	4	13	4	6	11	6	10	24	10
1959	15	41	15	3	7	3	18	48	18
1960	8	18	8	23	64	23	31	82	31
1961	15	45	15	3	3	3	18	48	18
1962	28	58	28	11	20	11	39	78	39
1963	29	75	30	7	21	7	36	96	37
1964	5	11	5	1	1	1	6	12	6
1965	3	9	3	—	—	—	3	9	3
							197	507	200

IMPROVEMENT GRANTS : HOUSING ACT, 1949/59.

	No. of separate houses	
	Discretionary Grant.	Standard Grant.
(a) Applications submitted to Local Authority	13	7
(b) Applications rejected by Local Authority	—	—
(c) Total Number of applications approved since inception of scheme	138	76
(d) Total Number of grants paid since inception of scheme	114	55

A total of 20 applications approved in the year 1965 as compared with 24 in 1964.

The following report relating to improvement of houses was submitted to the Housing Committee at its meeting in March, 1966 but as the relevant survey was completed in 1965 it has been included, for information, in this Annual Report.

STANDARD AMENITIES

REPORT ON SURVEY OF DWELLINGS COMPLETED ON
31ST DECEMBER, 1965.

Prior to coming into force of the Housing Act, 1964 I reported to the Housing Committee that a survey of all houses in the City where one or more of the standard amenities might not be provided would be undertaken by my Department. Unfortunately, pressure of work has delayed this project but the survey has now been completed.

A total of 841 houses were visited and the necessary information obtained. *This information has been summarised as shown in the following table.*

It will be noted that there is a total of 366 houses with interna¹ waterclosets leaving 475 houses with external waterclosets. This does not necessarily mean that all such houses are below standard as the Act does allow for external waterclosets provided they are conveniently sited. Some of these houses can, therefore, be considered as complying fully with the required standard.

Of the 69 baths provided in tenanted houses 35 are of the table top type normally situated in kitchenette or scullery. Such fittings are generally unsatisfactory and separate compartments containing baths should be provided wherever practicable.

Whilst to obtain a grant provision of a ventilated food cupboard is essential, it has been found that some occupiers of houses have dispensed with ventilated food cupboards and have installed either free standing cupboards or refrigerators. Such houses, if provided with the remaining standard amenities, appear to me to provide satisfactory accommodation and, in fact, occupiers of such houses will possibly be unwilling to alter layouts of kitchenettes so as to provide a ventilated cupboard.

Of the 555 owner/occupied houses visited 377 (68%) were provided with a sink, hot water supply and a separate compartment containing bath and handbasin.

Of the 286 tenanted houses only 66 (23%) were provided with the above mentioned facilities.

The officers who carried out these inspections attempted, in the limited time they were able to spend at each house, to explain, particularly to tenants, the advantages to be obtained through improvement grants. Leaflets explaining the scheme were also

distributed to owner/occupiers and tenants where there appeared to be some interest shown in acquiring the amenities.

The reaction of tenants was, however, generally disappointing and it appeared that the prospect of an increase in rent was a major factor responsible for the lack of interest. In the case of elderly people it was found that the prospect of what was feared would be a considerable upset in the home whilst improvement work was in progress was an additional deterrent.

HOUSING ACT, 1964

SUMMARY OF INFORMATION ACQUIRED IN CONNECTION WITH PART 2 OF THE ACT.

The following information gives details of standard amenities already provided in the 841 houses visited

32

Ward.	Owner Occupier.	Tenants.	Standard Amenities Already Provided					
			Sink.	Handbasin.	Bath.	Hot Water	Ventilated Food Cupboard.	Internal Watercloset.
FRAMWELGATE ...	55	2	57	45	49 (4 table top)	51	40 (11 refrigerators)	46
GILESGATE ...	76	53	125	52	70 (20 table-top)	91	59 (6 refrigerators)	48
ST. NICHOLAS ...	49	32	81	34	43 (9 table-top)	56	54 (3 refrigerators)	20
ELVET ...	56	27	83	51	60 (6 table-top)	65	49 (12 refrigerators)	45
NEVILLE'S CROSS ...	65	26	89	43	57 (14 table-top)	70	52 (7 refrigerators)	33
CROSSGATE ...	254	146	366	230	263 (31 table-top)	313	215 (36 refrigerators)	174
TOTALS ...	555	286	801	455	542 (84 table-top)	646	469 (75 refrigerators)	366

Total number of houses visited showing position as it relates to owner/occupiers and tenants.

841 {	555	—	526	387	473 (49 table-tops)	503	321	311
	—	286	275	68	69 (35 table-tops)	143	148	55

Total number of houses visited showing position as it relates to owner/occupiers and tenants.

NOTE: Owner/Occupiers ... 377 with sink, handbasin, bath and hot water:—68%
 Tenants ... 66 with sink, handbasin, bath and hot water:—23%.

RENT ACT, 1957

This Department has been responsible for the administration of the above mentioned Act. The Act is now superseded by the Rent Act 1965 and enforcement is the responsibility of Rent Officers specifically appointed under the provisions of this particular Act.

ADMINISTRATION OF THE OFFICES, SHOPS AND
RAILWAY PREMISES ACT, 1963.

As mentioned in my foreword the necessary duties involved in implementing the requirements of the Act have been carried out satisfactorily during the year 1965 and both owners and occupiers of premises have co-operated with the Department's officers in a most gratifying manner.

Many of the infringements of the Act were of a minor character and compliance with these informal notices presented little difficulty. In some premises structural alterations have been involved and in such cases some delay in complying with the Department's requirements has been inevitable. In the great majority of cases, however, the necessary works or requirements received prompt attention and in no instance was it found necessary to institute legal proceedings.

The following tables give statistical information relating to administration of the Act:—

1. Annual Report to Minister of Labour.
2. Narrative report on lighting standards requested by Minister of Labour.
3. Analysis of contraventions.
4. Analysis of reported accidents.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963
REPORT FOR PERIOD 1ST JANUARY TO 31ST DECEMBER, 1965.

	Class of Premises.	Number of Premises Registered during the Year.	Total Number of Registered Premises at End of Year.	Number of Registered Premises Receiving a General Inspection During the Year.
Registrations and General Inspections.	Offices	21	221	93
	Retail shops	16	209	106
	Wholesale shops, warehouses	3	34	21
	Catering establishments open to the public, canteens	5	48	22
	Fuel storage depots	—	4	—
	TOTALS	45	516	242
	Class of Workplace.	Number of Persons Employed.		
Analysis of Persons Employed in Registered Premises by Workplace	Offices	1,255		
	Retail shops	1,197		
	Wholesale departments, warehouses	134	Informal Notices	101
	Catering establishments open to the public	393	Exemptions	Nil
	Canteens	13	Prosecutions	Nil
	Fuel storage depots	44		
	TOTAL	3,036		
	TOTAL MALES	1,842		

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

LIGHTING—L.A. Circ. 9 (Supplement 1)

2. (1) *General Impression*: Lighting standards in offices and shops were generally found to be satisfactory, although some instances of inferior lighting were noted in parts of offices which were used infrequently, e.g. filing rooms, and in stockrooms attached to shop premises. Lighting in corridors, staircases and wash places was usually much lower than that found in the work areas of premises inspected and light meter readings varied between 3 foot candles—15 foot candles.

(2) *Unsatisfactory Lighting*: Instances of unsatisfactory lighting were not restricted to any one class of premises. It was noted, however, that a large proportion of licensed premises inspected were below the recommended standard due to the general trend towards subdued lighting in many of the public rooms. Whilst most shop 'selling' areas obviously received careful attention as to efficient lighting this was not the case in many of the stockrooms associated with the shops.

(3) *Recommended Standards*: Where lighting was considered to be unsatisfactory, occupiers were advised and Illuminating Engineering Society standards of lighting were recommended.

(4) *Excessive glare*: No instances of excessive glare were noted

3. (1) *Measurements at working place*:

	Less than 5 f/c	5 f/c- 10 f/c	10 f/c- 15 f/c	15 f/c- 25 f/c	25 f/c. +
OFFICES	—	—	2	16	30
SHOPS					
Selling Area ...	—	—	2	8	8
Stockrooms ...	4	3	6	4	—
Packing Dept. ...	—	—	—	—	—
Preparation Rooms	—	—	—	—	—
Staff	—	1	1	1	—
LICENSED PREMISES	1	5	—	1	1

ANALYSIS OF CONTRAVENTIONS

Section	Number of Contraventions found						Section	Number of Contraventions found					
4	Cleanliness Redecoration	8 } 29 }	...	...	...	37	13	Sitting facilities	...	...	...	2	
5	Overcrowding	...	...	...	...	—	14	Seats (Sedentary Workers)	...	...	...	—	
6	Temperature	...	...	...	...	51	15	Eating facilities	...	...	...	1	
7	Ventilation	...	...	...	...	6	16	Floors, passages and stairs	...	...	...	41	
8	Lighting	...	...	...	...	4	17	Fencing exposed parts machinery	...	...	...	4	
9	Sanitary conveniences	...	...	...	...	50	18	Protection of young persons from dangerous machinery	...	...	...	—	
10	Washing facilities	...	...	...	...	42	19	Training of young persons working at dangerous machinery	...	...	...	—	
11	Supply of drinking water	...	...	...	...	1	23	Prohibition of heavy work	...	...	...	—	
12	Clothing accommodation	...	...	...	...	3	24	First Aid general provisions	...	...	...	53	
							50	Abstracts not displayed	...	...	...	60	
Total								...	...	...	...	355	

ANALYSIS OF REPORTED ACCIDENTS

	Offices.	Retail Shops	Wholesale Warehouses.	Catering establishments open to public, canteens.	Fuel Storage Depots
Machinery	—	2	—	—	—
Transport	—	1	—	—	—
Falls of persons	3	3	—	1	—
Stepping on or striking against object or person	—	1	—	—	—
Handling goods	1	2	1	1	—
Struck by falling object	—	2	—	1	—
Fires and explosions	—	—	—	—	—
Electricity	—	—	—	—	—
Use of hand tools	—	6	—	2	—
Not otherwise specified	—	—	—	—	—

ADMINISTRATION OF THE FACTORIES ACT, 1961.

Premises. (1)	Number on Register	Number of		
		Inspections	Written notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities ..	16	9	1	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ..	66	37	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	10	2	—	—
TOTAL	92	48	3	—

2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars (1)	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted.
	Found	Remedied.	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1) ..	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) insufficient	—	—	—	—	—
(b) Unsuitable or defective	3	2	—	1	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	3	2	—	1	—

CLEAN AIR ACT, 1956

Routine observations of smoke emissions from boiler plant chimneys were carried out during the year. In one case where difficulty had been experienced in complying with the requirements of the Act the management, it is understood, have decided to change over to oil burning plant.

Engineers and stokers were interviewed when emissions of smoke appeared to warrant such action but in general observations showed no infringements of the standards required by the Act.

INSPECTION AND SUPERVISION OF FOOD.

FOOD PREMISES IN DURHAM CITY.

<i>Trade.</i>							<i>Number.</i>
Bakers	...	...	...	...	...	...	9
Butchers	...	...	...	...	...	...	15
Confectioners	...	...	...	...	...	...	35
Dairies and Purveyors of Milk	...	...	...	...	...	...	41
Fish, Game and Poultry	...	...	...	...	...	...	7
Fried Fish...	...	...	...	...	...	...	13
General Dealers	...	...	...	...	...	...	29
Greengrocers and Fruiterers	...	...	...	...	...	...	15
Grocers and Provision Merchants	...	...	...	...	...	...	32
Hotels, Cafes and Snack Bars	...	...	...	...	...	...	21
Ice Cream dealers	...	...	...	...	...	...	71

MILK SUPPLY.

The County Council are responsible for registration of premises but such premises are still inspected by officers of this Department as part of the routine inspection of all food premises.

During the year under review the County Health Inspector obtained 39 milk samples from retailers within the City Area. Four of such samples failed to pass one or more of the necessary tests in these and particular cases subsequent samples proved to be satisfactory.

In addition to the samples taken within the City Area further samples are obtained by the County's Inspector in other local authorities' areas from dealers who are also retailing in the City. The figures given, therefore, reflect only the minimum milk sampling supervision in Durham City.

REGISTRATION UNDER SECTION 16 FOOD AND DRUGS ACT, 1955.

ICE CREAM.

One application for registration under the provision of Section 16 of the Food and Drugs Act, 1955, for the sale of pre-packed ice cream was approved by the Council making a total of 71 premises registered for this purpose.

FOOD AND DRUGS ACT, FOOD HYGIENE REGULATIONS.

357 visits were made to food premises during the year. Many of such visits resulted from other responsibilities of the Department but they did give the Department's Officers an opportunity to check on any infringements of the Food Hygiene Regulations.

The standard of food hygiene achieved by owners of food premises and their employees is in general very satisfactory though it is necessary at times to draw attention to infringements of the Regulations.

There is no doubt that this particular legislation has, over the past few years, helped very considerably in securing improvements in food premises and a greater sense of responsibility by those engaged in the food trades. Legislation, however, whilst it has played its part in improved conditions is not the sole answer and only by persistent efforts to educate all those engaged in the handling of food can the necessary high standard be attained. It is essential that in addition to the supervision carried out by the public health inspectorate the owners and managers of food premises instruct their staffs as to the importance of food hygiene and that they encourage personal cleanliness. Only by such co-operation can the dangers arising from carelessly handled food be eliminated.

The following works were completed in premises affected by the Regulations :—

Equipment—repairs and renewals	...	...	...	6
Protection of open foodstuffs	...	...	...	3
Sanitary conveniences :				
Re-decoration	...	...	...	1
Additional provided	...	...	...	1
Provision of hot water supply	...	...	...	5
Provision of handbasins	...	...	...	4
Provision of sinks	...	...	...	—
Provision of first aid equipment	...	...	...	22
Provision of accommodation for clothing	...	...	...	2
Re-decoration and repairs	...	...	...	9
Improved ventilation	...	...	...	2
Waste bins supplied	...	...	...	—
Refrigerators fitted	...	...	...	—
Miscellaneous work and improvements	...	...	...	28

FOOD INSPECTION.

The following list shows the quantities of food that were found upon inspection to be unfit for human consumption. All food condemned was voluntarily surrendered and destroyed at the Council's incinerator:—

MEAT.
45 tins.

FRUIT.
44 tins.

VEGETABLES.
7 tins.

FISH.
6 tins.

MISCELLANEOUS.
6 tins pudding.
2 tins milk.

The total weight of the above condemned foodstuffs was 14st. 7 lbs.

Six cases of the sale of unsound or contaminated food were reported to the Department.

All cases were the subject of thorough investigation and in each case the complainant expressed satisfaction with the action taken.

MEAT INSPECTION.

All animals slaughtered in local slaughter-houses were inspected.

508 visits were made in connection with such inspections and the following table gives details of animals slaughtered and meat and offals condemned:—

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE
OR IN PART.

	Cattle Exclud- ing Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.	Horses.
Number killed ..	805	48	1	2635	608	—
Number inspected ..	805	48	1	2635	608	—
<i>All diseases except Tuberculosis and Cysticerci</i>						
Whole carcasses con- demned	—	—	1	2	1	—
Carcases of which some part or organ was con- demned	61	1	—	9	17	—
Percentage of the number inspected affected with dis- ease other than tuberculosis and cysticerci ..	7.58	2.08	100	.42	2.96	—
<i>Tuberculosis only :</i>						
Whole carcasses con- demned	—	—	—	—	—	—
Carcases of which some part or organ was on- demned	—	—	—	—	—	—
Percentage of the number inspected affected with tub- erculosis ..	—	—	—	—	—	—
<i>Cysticercosis.</i>						
Carcases of which some part or organ was con- demned	—	—	—	—	—	—
Carcases submitted to treatment by refrigeration ..	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

A total of 10 cwt. 7st. 0lbs. of condemned meat and offal was destroyed at the Council's incinerator.

Carcases passed were, generally, of excellent quality. Seven persons hold slaughtermen's licences and slaughtering was carried out in a satisfactory manner.

SLAUGHTERHOUSE FACILITIES:

All slaughtering in the City has, in recent years, been carried out at two licensed slaughterhouses. In August, 1965, however, one of these slaughterhouses was closed as a result of re-development in the Elvet area. These particular premises had been used solely in connection with the butcher's own retail trade and slaughtering had been on a very limited scale. The remaining slaughterhouse has a fairly large 'throughput' so that the duties of the inspectorate in relation to meat inspection have hardly been affected by the closure above referred to.

WATER SUPPLIES.

All of the houses (6,658 houses—population 23,440) within the City area are supplied from water mains direct to the houses.

Two samples of water from the Durham County Water Board's supply were obtained for bacteriological examination and one for chemical analysis. The resultant laboratory reports were entirely satisfactory.

SWIMMING BATHS.

Six samples of water from the large and small swimming pools were obtained for bacteriological examination. All the samples proved to be, in every respect, satisfactory.

The baths, consisting of a large and small pool, are the property of the Durham City Corporation and the water is the same as that supplied by the Durham County Water Board to domestic users.

The Baths Manager reports that the filtration plant maintained a three hour turnover and that breakpoint chlorination was also maintained satisfactorily.

LECTURES.

Talks on public health matters were given, when requested, to interested organisations and boy scouts were examined for their Public Health Man Badge.

INFECTIOUS DISEASES INVESTIGATION

Forty-seven visits were made in relation to investigations into cases of infectious disease. Thirty such visits were in connection with suspected cases of typhoid fever, paratyphoid fever and sonne dysentery where it was necessary to obtain specimens for laboratory examination.

RODENT CONTROL.

Sewer Maintenance Treatment : In accordance with the requirements of the Ministry of Agriculture, Fisheries and Food a test-baiting of 196 manholes was carried out followed by two maintenance treatments of those sections of sewer where such treatments were desirable. A total of 166 manholes were baited and final results showed poison takes in 35 manholes compared with 146 manholes baited and 30 poison takes in 1964.

The results show that the infestation in the City's system of sewers is being maintained at a very satisfactory low level.

Surface Infestations : All Council properties likely to become infested (including the sewage works and Shincliffe tip) received periodical visits and treatments as required. The river banks also were given attention.

The following table is a summary of the rodent control work carried out during the year :—

	Dwelling Houses.	Business Premises.	Other Infested Places.	Totals
No. of Premises ...	100	27	93	220
No. of visits ...	352	82	416	850
No. of Poison-baits	754	500	1,198	2,452
No. of Post-baits ...	71	19	68	158

Wherever necessary owners of premises were requested to carry out rat-proofing after completion of treatments.

DRAINAGE.

The following particulars relate to drainage work carried out by the Department during the year :—

New drainage systems laid	...	...	...	...	3
Drainage systems reconstructed	...	...	...	...	12
Defective drains repaired	...	...	...	...	10
Choked drains cleared	...	...	...	...	47
Inspection chambers built	...	...	...	...	26
Ventilation provided to drains	...	...	...	...	10
New gullies fixed	...	...	...	...	29
Other drainage defects remedied	...	...	...	...	11
Smoke tests	...	...	...	...	1
Water tests	...	...	...	...	40
Colour tests	...	...	...	...	34

SUMMARY OF WORK OF CHIEF PUBLIC HEALTH
INSPECTOR'S DEPARTMENT.

Complaints received and investigated	...	...	...	461
Houses inspected (Public Health and Housing Acts)			...	753
Houses re-inspected	...	...	...	625
Preliminary Notices served		...	...	297
Statutory Notices served	...	...	...	11
Visits in connection with :—				
Factories Act	...	...	...	77
Food shops, food premises and slaughterhouses			...	865
Rent Act	...	...	...	—
Improvement Grants	...	...	...	60
Improvement Grants (survey)		...	...	331
Offices, Shops, etc. Act.	...	...	...	377
Defective or new drainage		...	...	214
Smoke, water and colour tests		...	...	75
Infectious disease	...	...	...	47
Moveable dwellings		...	...	—
Rivers and Streams	...	...	...	7
Rodent control	...	...	...	850
Disinfection and disinfestation		...	...	223
Interviews with owners, contractors, complainants, etc.	...			79
Miscellaneous inspections	...	...	...	454

REFUSE COLLECTION AND SEWAGE DISPOSAL.

The following information relating to Refuse Collection, Sewerage and Sewage Works has been supplied by the City Engineer whose Department is responsible for these undertakings.

Refuse Collection :

A weekly collection of all household refuse has been maintained throughout the year.

Sewage Works, Barkers Haugh:

The new Works was brought into operation during the summer of 1965 and quickly produced an effluent of good quality. The digestion unit is now producing sufficient gas to be self supporting.

WATER SUPPLY.

Mr. A. C. Wildsmith, Chief Engineer of the Durham County Water Board has kindly supplied the following information relating to water supply:—

The consumption of water in the Board's area again showed an increase in the year under review. The unmetered consumption now amounts to 26.33 gallons per head per day and metered consumption 13.77, a total of 40.10 gallons a day for each of the 410,000 consumers in the Board's area of supply (38.44) in the previous year).

During the past year the rainfall has been from 20% to 40% above average and there have been no anxieties regarding the stocks of water in the impounding reservoirs.

CLASSIFICATION OF DISTRIBUTION SAMPLES ACCORDING TO MINISTRY
OF HEALTH NON-CHLORINATED SUPPLIES.

Class 1	...	...	...	...	83.0%
Class 2	...	...	...	...	11.5%
Class 3	...	...	...	...	1.7%
Class 4	...	...	...	...	3.8%

Percentage free from Escherichia Coli (Bact. Coli I)	...	...	...	96.6%
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FOOD AND DRUGS ACT, 1955.
YEAR ENDED 31ST DECEMBER, 1965.

DURHAM CITY

The work under this Act is performed by Sampling Officers of the County Council, and during the past year the following samples were submitted by them to the Public Analyst for analysis :—

Apple Sponge Pudding (Tinned)	...	...	...	1
Beans in Tomato Sauce (Tinned) (Informal)	...	...	...	4
Beef Stroganoff (Informal)	...	...	...	1
Beetroot in redcurrant jelly	...	...	...	1
Blackberry and Apple Pie, portion of (Informal)	...	...	...	1
Blackberry and Apple Pie	...	...	...	1
Blackcurrent Health Drink	...	...	...	1
Brawn	...	...	...	1
Bread (Informal)	...	...	...	4
Brussels Sprouts (Informal)	...	...	...	1
Butter	...	...	...	1
Carrots (Tinned)	...	...	...	1
Celery (Informal)	...	...	...	1
Cherries, glace (Informal)	...	...	...	2
Cod Liver (Informal)	...	...	...	2
Corned Beef, opened tins (Informal)	...	...	...	3
Corned Beef	...	...	...	3
Corned Beef (Informal)	...	...	...	7
Corned Beef sandwiches and empty tin (Informal)	...	...	...	1
Cranberries (Informal)	...	...	...	1
Fishcakes (Informal)	...	...	...	1
Fishcakes	...	...	...	2
Ginger in Syrup (Informal)	...	...	...	9
Lettuce (Informal)	...	...	...	1
Lemons (Informal)	...	...	...	1
Lemon drink, low calorie	...	...	...	1
Marmalade	...	...	...	1
Meat and vegetable curry (Tinned) (Informal)	...	...	...	1
Orange drink, low calorie	...	...	...	1
Onions, pre-cooked	...	...	...	1
Peas, garden (Tinned)	...	...	...	1
Pickles, cucumber (Tinned)	...	...	...	1
Pork luncheon meat (Tinned)	...	...	...	2
Radishes (Informal)	...	...	...	2
Rhubarb in syrup (Tinned)	...	...	...	1
Rice, Spanish (Tinned)	...	...	...	1
Salt, table	...	...	...	1
Sauce, Worcester	...	...	...	1

Sausage, pork	...	...	...	...	...	2
Sausage meat, pork	...	...	...	...	...	1
Sausage preservative (Informal)	...	...	...	...	...	1
Saveloys	...	...	...	...	...	1
Semolina	...	...	...	...	...	1
Spring Onions (Informal)	...	...	...	...	...	2
Steak and carrots (Tinned) (Informal)	...	...	...	...	...	1
Steaks in gravy (Tinned) (Informal)	...	...	...	...	...	1
Tea	...	...	...	...	...	3
Tomatoes (Informal)	...	...	...	...	...	1
Tomatoes, opened tin (Informal)	...	...	...	...	...	1
Tomatoes, tinned (Informal)	...	...	...	...	...	5
Turnips	...	...	...	...	...	1
						88

MILK:

Pasteurised	...	...	...	...	...	24
Channel Islands Pasteurised	...	...	...	...	...	8
Sterilised	...	...	...	...	...	8
						40
						128

12 samples were reported adulterated or otherwise unsatisfactory by the County Analyst. 10 of these were submitted after complaint by private purchasers.

“Blackberry and Apple Pie, portion of (Informal)”:

This contained a large portion of blackberry stalk and a warning letter was sent to the bakers.

“Bread (Informal)” (4 samples):

In one case a fly was found in the two small pieces of bread submitted, but the chain of evidence was incomplete and no action was taken.

In the remaining 3 cases there was local contamination of the dough by oil from bakery machinery and letters of caution were sent to the respective bakeries.

“Tomatoes, opened tin (Informal)”:

In this case there had been a labelling error in the foreign canning factory as the tin contained sweet red peppers instead of tomatoes. Other tins from the same batch did in fact contain tomatoes. The importers were written to.

“ Corned Beef, opened tins (Informal)” (3 samples) and
 “ Corned Beef Sandwiches and empty tin (Informal)” :—

In two of these samples there was a taint of hydrocarbon oil and as other complaints of this kind had been received a wide-spread sampling was undertaken as a result of which the matter was eventually dealt with at the foreign cannery.

The attention of the labellers was drawn to the unsatisfactory report on one of the other samples, in which the outer surfaces of the meat were discoloured and the inside of the tin corroded.

In the remaining instance, the meat was stained with a green metallic contamination. (Bacteriological tests taken by the City Health Department were negative). The matter was taken up with the canners and their research department.

“ Brawn ” and “ Saveloys ” :—

These were ordinary purchases by a sampling officer and the County Analyst reported both foodstuffs to contain “ Congo Red ” which is a non-permitted colour. The suppliers of the colouring matter were prosecuted and fined £30 plus £5. 5s. 0d. costs.

The remaining 116 samples were genuine.

